| 1 | PRODUCT NAME, NUMBER, SYNUNYM: WYANDOTTE F. S. Plater's Cl. ner (DPM 982.0) |
|-------|---|
| | MANUFACTURER'S NAME: Wyandotte Chemical Corp. |
| | MANUFACTURER'S ADDRESS: 8921 Dice Road-Santa Fe Springs, Ca. 90670 |
| | PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Sweep up spill and then wash down area with industrial water until neutralized. Dispose of sweepings. |
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| | TRANSPORTATION AND STORAGE REQUIREMENTS: Freight classification: Cleaning compound NOIBN |
| Э. | Powder. Store in a dry area under cover. Area should be cool 35-130°F. |
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| | FIRST AID TREATMENT: A. SKIN CONTACT: Flush with water and wash skin with soap. |
| | _F F |
| | B. EYE CONTACT: Flush freely with water at least 15 min. Obtain medical attention. |
| | |
| | C. INHALATION: Remove person from area and obtain medical attention. |
| | |
| | D. ANTIDOTE IN CASE OF SWALLOWING: Empty stomach and irrigate with water. Obtain medical |
| | attention. |
| 7. | PHYSIOLOGICAL PROPERTIES: |
| | A. ACUTE ORAL TOXICITY: High, do not take internally. |
| 7 ; | |
| 1 | B. LOCAL EFFECTS UPON EYES: High, avoid contact with eyes. |
| | |
| | C. LOCAL EFFECTS UPON SKIN: High, avoid contact with skin. |
| * . ' | C. LOCAL LITECTS OF ON SKIN: |
| | D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Very slight, non-volatile and |
| | non dusting powder and crystals. |
| | |
| | Trritating to the skin |
| · • | E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Irritating to the skin. |
| | |
| | F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS). Unknown but should be very high. |
| | HYGIENISTS): ONKHOWN DUE SHOULD DE VELY HIGH. |
| Ω. | |
| | Chemical and physical properties: A. specific gravity (water = 1) 1.2 B. vapor density (air =1) very heavy |
| 4 . 4 | |
| | C. VAPOR PRESSURE form Hg AT 25°C. non-volatile D. pH 5% sol 13+ |
| | E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS Solutions corrosive to aluminum, plexiglas, lacquers, enamels and some fabrics. |
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| | |

| Sodium meta silicate Sodium carbonate Organic wetting agents, dust laying agents and water softeness. TE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ET ENOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN. H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? While dissolving and may cause violet boiling if added too rapidly to hot solution. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid contact with skin or eyes. Do not tak internally. Prepare solution with care. RECOMMENDED PROTECTIVE EQUIPMENT: Wear glasses or shield to protect eyes when making up solutions or additions. A. FLASHPOINT F: CLOSED CUP none ;OPEN CUP none ;IF F.P. CHANGES DURING EVAPORATION of the content of the conte | Sod Org age | dium carbonate ganic wetting ents and water | e agents, dust la | aying | | - 18 |
|--|-----------------------------------|---|--|--|---|------|
| Organic wetting agents, dust laying agents and water softeness. 25 max. E: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC. ENOT ADEQUATE FOR TOXICOLOGICAL EVALUATION, PROPER CHEMICAL NAMES MUST BE KNOWN. A. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? While dissolving and may cause violet boiling if added too rapidly that solution. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid contact with skin or eyes. Do not take internally. Prepare solution with care. RECOMMENDED PROTECTIVE EQUIPMENT: Wear glasses or shield to protect eyes when making up solutions or additions. A. FLASHPOINT F: CLOSED CUP none ;OPEN CUP none ;IF F.P. CHANGES DURING EVAPORATION of the conditions of the | Org age | ganic wetting ents and water | agents, dust la | aying . | 10 max. | |
| agents and water softeness. 3 max. E: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ET NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN. A. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? While dissolving and may cause violet boiling if added too rapidly to hot solution. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid contact with skin or eyes. Do not take internally. Prepare solution with care. RECOMMENDED PROTECTIVE EQUIPMENT: Wear glasses or shield to protect eyes when making up solutions or additions. A. FLASHPOINT F: CLOSED CUP none ; OPEN CUP none ; IF F.P. CHANGES DURING EVAPORATION of the properties of the p | age GENER | ents and water | | aying . | | |
| E: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ET NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN. A. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? While dissolving and may cause violet boiling if added too rapidly to solution. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid contact with skin or eyes. Do not take internally. Prepare solution with care. RECOMMENDED PROTECTIVE EQUIPMENT: Wear glasses or shield to protect eyes when making up solutions or additions. A. FLASHPOINT F: CLOSED CUP none :OPEN CUP none :IF F.P. CHANGES DURING EVAPORATION of the contact with skin or eyes. | GENER | RALIZATIONS SUCH | r softeness. | | | |
| NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN. I. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? While dissolving and may cause violet boiling if added too rapidly to hot solution. PRECAUTIONS FOR NORMAL CONDITIONS OF USE. Avoid contact with skin or eyes. Do not take internally. Prepare solution with care. RECOMMENDED PROTECTIVE EQUIPMENT: Wear glasses or shield to protect eyes when making up solutions or additions. A. FLASHPOINT *F; CLOSED CUP | NOT ADE | RALIZATIONS SUCH | | | 3% max. | |
| hot solution. RECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid contact with skin or eyes. Do not tak internally. Prepare solution with care. RECOMMENDED PROTECTIVE EQUIPMENT: Wear glasses or shield to protect eyes when making up solutions or additions. RECOMMENDED PROTECTIVE EQUIPMENT: Wear glasses or shield to protect eyes when making up solutions or additions. | | | DLOGICAL EVALUATION | N. PROPER CHEMICAL | NAMES MUST BE KNOWN. | |
| PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid contact with skin or eyes. Do not tak internally. Prepare solution with care. RECOMMENDED PROTECTIVE EQUIPMENT: Wear glasses or shield to protect eyes when making up solutions or additions. A. FLASHPOINT °F: CLOSED CUP none :OPEN CUP none :IF F.P. CHANGES DURING EVAPORATION | | Mutte ats | ssorving and mai | y cause violet | boiling if added too rapidly to |) 8 |
| Wear glasses or shield to protect eyes when making up solutions or additions. A. FLASHPOINT *F: CLOSED CUP None ; OPEN CUP none ; IF F.P. CHANGES DURING EVAPORATION | ≀ECAUTI(| ONS FOR NORMAL C | ONDITIONS OF USE: | | | 3 |
| up solutions or additions. FLASHPOINT °F: CLOSED CUP none ; OPEN CUP none ; IF F.P. CHANGES DURING EVAPORATION | | | | | | |
| up solutions or additions. FLASHPOINT °F: CLOSED CUP none ; OPEN CUP none ; IF F.P. CHANGES DURING EVAPORATION | | | Woom. | alegaes en ali | 272 +2+ 2 | |
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| | FLASHF | POINT OF: CLOSED C | up none ;o | PEN CUP <u>none</u> | ; IF F.P. CHANGES DURING EVAPORATION (| SIVE |
| | | | | | | |
| EXPLOSIVE LIMITS (% VOL. AIR): LOWER NONE ; UPPER NONE | EXPLOS | SIVE LIMITS (% VOL. | | LOWER NON | le none | |
| . SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES ; NO NO | 4 1 3 | | | LOWEN | OPPER HONE | |
| . FIRE POINT °F none ; AUTO IGNITION TEMPERATURE °F none | SUSCEP | TIBILITY TO SPONT | | | Andrew Arrange March 1985 and the State of the Committee | |
| 요즘 사람들은 사람들이 가는 모든 사용되는 그 사람들이 가장 하는 것이 가장 하는 생활이 가는 것이 하는 것이 가장 하는 것이 되었다. 그 사람들이 가장 하는 사람들이 가장 하는 것이 되었다. | | | TANEOUS HEATINGS: | YES | FNO No | |
| . WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES CArbon dioxide gr | FIRE PO | OINT °F no | TANEOUS HEATINGS: One ; AUT | YESO IGNITION TEMPERAT | ; NO NO TURE °F none | |
| . SUITABLE EXTINGUISHING AGENTS: none required | FIRE PO | OINT °F NO | TANEOUS HEATINGS: Dine ; AUT | YES O IGNITION TEMPERAT | ; NO NO TURE °F none | ıs. |
| 지수는 사람들이 많아 되는 일반하다. 현실과 무리를 보고 있다고 하는데 되는 사람들이 되었다. | FIRE PO | DENSITY PRODUCTS MIGHT BE | TANEOUS HEATINGS: Dine ; AUTO NONE FORMED IN THE EVEN | YES O IGNITION TEMPERAT | ; NO NO TURE °F none | ıs. |
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| 나는 아이들 그는 나는 사람들이 하는 아니까 하나 가장을 하는 사람들이 가득하는 것이 되었다. 그는 사람들이 아이들은 사람들이 되었다면 되었다. 그는 사람들은 사람들이 되었다. | VAPOR WHAT P SUITABI | DENSITYPRODUCTS MIGHT BE | James J. Sch | YESOIGNITION TEMPERAT OTOF FIRE OR ABNORA One required oneider | ; NO NO TURE °F none MAL TEMPERATURES SARbon dioxide ge | 15. |
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| TITLE: , Technical Service Department COMPANY: Wyandotte Chemicals Corp. | VAPOR WHAT P SUITABI FORMATI TLE: | DENSITYPRODUCTS MIGHT BE | none ; AUTO none ; AUTO none FORMED IN THE EVEN AGENTS: | YESO IGNITION TEMPERAT AT OF FIRE OR ABNORA one required oneider ervice Department nemicals Corp. | ;NONO | - |

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR! WATER? HEAT? STRONG OXIDIZERS? Dissolved in

water, developing he

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE TREATED AS CONFIDENTIAL AND USED FOR THE PURPOSE OF PROTECTING THE HEALTH AND SAFETY OF MCDONNELL DOUGLAS CORP. EMPLOYES AND THE SAFEGUARDING OF ITS PROPERTY. IT WILL ALSO BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.